BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Information Technology Pearson BTEC International Level 3 Subsidiary Diploma in Information Technology Pearson BTEC International Level 3 Foundation Diploma in Information Technology Pearson BTEC International Level 3 Diploma in Information Technology Pearson BTEC Level 3 National Extended Diploma in Information Technology
Unit number and title	**Unit 15: Cloud Storage and Collaboration Tools**
Learning aim(s) (For NQF only)	**A:** Explore the use of cloud technologies and tools in organisations
Assignment title	How can cloud technology be used in organisations?
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have recently joined the IT department of a medium size manufacturing company as an IT support technician. The company runs a wide range of computer applications including stock control, manufacturing, order processing and personnel systems. All of the company data and applications are currently stored on servers located at the head office, however the IT director is keen to investigate whether cloud technologies would be of benefit to the company. Your supervisor has asked you to look into this and produce an analytical report.

Task 1	Write a report for your supervisor in which you provide a clear and balanced analysis of the different cloud technologies available. You need cover: • An explanation of how IT is currently deployed in the company and how it meets its aims and needs • The characteristics of different cloud technologies and delivery models including SaaS, PaaS and IaaS • How cloud technologies and delivery models could be could be used to meet the company's aims and needs • The impact the use of cloud technologies would have on all areas of the organisation • Clear, reasoned justifications as to why one why possible solution may be preferable to another.

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	• Legal requirements and their impact on use and deployment of cloud services You need to provide a balanced consideration of the impact that cloud technologies would have on the organisation, both in terms of enhancing and improving current practice and how this will result in changes or challenges.
Checklist of evidence required	Completed report
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Analyse the impact that different cloud technologies would have on an organisation and how it could meet their needs.
A.M1	Compare the impact that different cloud technologies would have on an organisation and how it could meet their needs.
A.P1	Explain how IT is currently deployed in an organisation and how it meets their needs.
A.P2	Explain the different cloud technologies that could be used by an organisation and how it could meet their needs.
Sources of information to support you with this Assignment	e-books: Wilson, J. An Introduction to Cloud Computing. James Wilson 2016. B01FPF5IA6 Erl, T. Puttini, R. Mahmood. Cloud Computing: Concepts, Technology & Architecture. Prentice Hall 2013. B00CM9V7Q8 BCS The Chartered Institute for IT. Cloud Computing: Moving IT out of the Office. BCS 2012. B007N0PKDW Books Barnatt, C. A Brief Guide to Cloud Computing: An essential guide to the next computing revolution. Robinson 2010. 978-1849014069
Other assessment materials attached to this Assignment Brief	*e.g. work sheets, risk assessments, case study*